

The background features two whales swimming in deep blue water. A large, semi-transparent 'IHW' logo is overlaid on the left side. The text 'Science & Education Report' is centered in white, with 'MS FRAM' below it.

Science & Education Report

MS FRAM

MS FRAM
28th
September –
06th October
2024

From New England to Panama
Science and Serenity at Sea



Picture by Yuri Choufour



Science & Education Program

Art corner

Ocean is both meditative and a fantastic source of inspiration. During our art corners, Christian, Enzo and Giulia, proposed you to draw or paint wildlife of the oceanic ecosystems.



Picture by Yuri Choufour



Picture by Yuri Choufour

Sargassum samples

Our Captain kindly stopped Fram for a few minutes in the Sargassum sea so that we could collect some sargassum algae, a water sample as well as taking a measurement of the water parameters with the CTD tool. We thus observed the algae and some few phytoplankton under the microscope and learnt from Giulia the role of these organisms in the oceanic ecosystem.





NASA Globe Cloud Observer

With Caroline, you collected 4 observations of clouds for the citizen science project of NASA. Thank you for contributing to this project!

[View our data](#) on the global map

Picture by Yuri Choufour



iNaturalist

We submitted a total of 5 observations of 4 different species using the citizen science app iNaturalist.

Picture by Yuri Choufour

View our iNaturalist observations by [clicking this link.](#)



E-bird

Together with our onboard ornithologist Enzo, you identified and counted 143 birds, 17 species of birds and submitted 21 checklists to Ebird.

View our Ebird data by [clicking this link.](#)

Picture by Yuri Choufour

Wildlife List - Birds



Picture by Yuri Choufour

Wildlife List – Birds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS
<i>Anous stolidus</i>	Brown Noddy	Noddi	Noddi brun
<i>Ardenna gravis</i>	Great Shearwater	Großer Sturmtaucher	Puffin majeur
<i>Calonectris diomedea</i>	Scopoli's Shearwater	Sepiasturmtaucher	Puffin de Scopoli
<i>Egretta caerulea</i>	Little Blue Heron	Blaureiher	Aigrette bleue
<i>Falco peregrinus</i>	Peregrine Falcon	Wanderfalke	Faucon pèlerin
<i>Fulmarus glacialis</i>	Northern Fulmar	Eissturmvogel	Fulmar boréal
<i>Hirundo rustica</i>	Barn Swallow	Rauchschwalbe	Hirondelle rustique
<i>Larus marinus</i>	Great Black-backed Gull	Mantelmöwe	Goéland marin
<i>Petrochelidon pyrrhonota</i>	American Cliff Swallow	Fahlstirnschwalbe	Hirondelle à front blanc
<i>Pterodroma hasitata</i>	Black-capped Petrel	Teufelssturmvogel	Pétrel diablotin
<i>Setophaga dominica</i>	Yellow-throated Warbler	Goldkehl-Waldsänger	Paruline à gorge jaune
<i>Setophaga fusca</i>	Blackburnian Warbler	Fichtenwaldsänger	Paruline à gorge orangée
<i>Setophaga palmarum</i>	Palm Warbler	Palmenwaldsänger	Paruline à couronne rousse
<i>Setophaga tigrina</i>	Cape May Warbler	Tigerwaldsänger	Paruline tigrée
<i>Streptopelia decaocto</i>	Eurasian Collared Dove	Türkentaube	Tourterelle turque
<i>Sula dactylatra</i>	Masked Booby	Maskentölpel	Fou masqué

Wildlife List — Birds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS
<i>Sula leucogaster</i>	Brown Booby	Weißbauchtölpel	Fou brun
<i>Thalasseus maximus</i>	Royal Tern	Königsseeschwalbe	Sterne royale
<i>Zenaida asiatica</i>	White-winged Dove	Weißflügeltaube	Tourterelle à ailes blanches

**Wildlife
List — Mammals and
fish**



Wildlife List – Mammals and fish



SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS
<i>Megaptera novaeangliae</i>	Humpback whale	Buckelwal	Baleine à bosse
<i>Physeter macrocephalus</i>	Sperm whale, cachalot	Pottwal	Cachalot
	Unidentified dolphin	Nicht identifizierter delphin	Dauphin non identifié

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS
<i>Exocoetidae</i>	Flying fish sp.	Schwalbenfisch	Poisson volant

A sunset scene over a body of water. The sun is low on the horizon, creating a bright orange and yellow glow that reflects on the water. A large, semi-transparent graphic of the Roman numerals 'IX' is overlaid on the left side of the image. In the foreground, a long, narrow boat is on the water, with several people inside. The sky transitions from a deep orange near the horizon to a clear blue at the top.

Connect with your inner scientist